TASK: P760789

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WK PKG: PR ET-093-TS-0015

ENG GRP: ETM

TSK LDR:

FLOC: VAB

MLOC: ET-93

STS/FLT: 107 /001

TITLE: 3 CHIPPED AREAS ON FWD EDGE OF FAIRING. (AREAS IDENTIFIED)

OPERATIONS LIST

TITLE NUMBER **DEPT/SHOP** TaskBarCode **OperationBarCode**

10

3 CHIPPED AREAS ON FWD EDGE OF

3 CHIPPED AREAS ON FWD EDGE OF



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	2. Detect	ed During		3. Work Area/Lo	ocation/Zo	ne 4. End	item Control Nu	mber			
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	12. Item	13. Problem	Description	1 							
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KSC FORM 2-152 (REV. 6/01)



UTOP Change Index

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3 CHIPPED AREAS ON FWD EDGE OF FAIRING.(AREAS IDENTIFIED)

Element/End Item: ET-093

Flow/Usage: 107 Facility: VAB

Design Center Concurrence: N/A

Category:
OPR: ETM
TTL ORG: TO

This document does not contain hazardous operations.



Phone: 1-3420

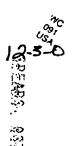
Approval Record

3 CHIPPED AREAS ON FWD EDGE OF FAIRING.(AREAS IDENTIFIED)

Technical Contact: W. Richards

	Category	II TOP Only	
This Approval F	tecord is for all Operation	No(s) listed below:	
Initial Released	Operations:10		
Added Operation	ns:		
Deleted Operation	ons:		
Replaced Opera	tions:		
Change Index A Comments: Check Family T		of Family[] NMA[]	
Organization	Name (Printed)	Name (Signature)	Date
ETM	w Richards	MA FAB	/2-02-a
SE Check	70m Ford	70m Ford	12.3,37







Approval Record

3 CHIPPED AREAS ON FWD EDGE OF FAIRING.(AREAS IDENTIFIED)

Technical Contact:W	121074165	Phone: 1-3420
	Category II TOP Or	aly
This Approval Record is for	all Operation No(s) listed	below:
Initial Released Operations:_	_10	
Added Operations:	20	
Deleted Operations:		
Replaced Operations:		
Change Index Added		
Comments:		
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Organization	Name (Printed)	Name (Signature)	Date
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SE Check	JOHNBUE	50<	12-3-02
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4.0 PLANNING REQUIREMENTS	
5.0 CONFIGURATION ACCOUNTING AND VERIFICATION	,



1.0 INFORMATION

1.3 Operations List

Operation		Shop/ Cntl Rm Console	OPR	Haz (Y/N)	Duration (Hrs)
No.	Title				
10	Trouble shoot	ET/ N/A	ETM	N	1.0
20	Summary/ Closure	ET/ NONE	ETM	N	1.0

2.0 SAFETY INFORMATION

2.4 Reference Safety Documentation

Number	Rev	Title
KHB 1710.2	LI	KSC Safety Practices Handbook
GSOP 5400	LI	Ground Safety Operating Procedure

3.0 STAGING REQUIREMENTS

4.0 PLANNING REQUIREMENTS

OIR Required Yes [], No [X]

Predecessors:

None

Successors:



None Configuration Required: None

5.0 CONFIGURATION ACCOUNTING AND VERIFICATION



OPERATION 10 Trouble shoot

Shop: ET

Cntrl Rm Console: N/A

OPR: ETM Zone: N/A

Hazard (Y/N): N Duration (Hrs): 1.0

10-1 Verify no loose foam in the PD 1.0 areas or PD 2.0 area.



10-2 Measure the PD 1.0 and PD 2.0 defects

Table 1	0-1		
Area	Length	Width	Depth
PD 1 1	.375	.250	.250
PD 1 2	.500	,281	.375
PD 1 3	.750	.250	.218
PD 2	.500	. 281	. 218





12/2/02 06:28:05 PM

Measure the TPS (foam and SLA combined) thickness using a six inch scale along the edge of the fairing as close as possible to the PD 1.0 area.

Table 1	
Area	Thickness
PD 1	
1	2.125
PD 1	
2	2.250
PD 1	
3	2.000
PD 2	2-00
	2.250

T: 103/02



10-4 Obtain remaining thickness by subtracting the depth of the defect from the thickness.

Table 1	0-3		
Area	Thickness	- Depth	= Remaining
PD 1 1	2.125	.250	- 1.875
PD 1 2	2.250	.375	1.875
PD 1 3	2,000	-, 218	1.782
PD 2	2, 250	-,218	= 2.032

(Should be greater than 1.60 inches)

T: 12/03/02

*** End of Operation 10 ***

12/3/02 03:21:50 PM PR ET-093-TS-0015

OPERATION 20 Summary/ Closure

Shop: ET

Cntrl Rm Console: NONE

OPR: ETM
Zone: None
Hazard (Y/N): N
Duration (Hrs): 1.0

Summary/Conclusion

Reference PD items 1.0 and 2.0, during a visual inspection there were 4 total corner chips on the ET SRB Aft Fairing. These areas were measured and determined not to extend below minimum drawing thickness. These areas were acceptable as is.

No rework required.

No RC action is requested or required.

Cause: contact with the TPS by persons most likely during the processing of the fairing and associated close-outs. This is workmanship.

*** End of Summary/ Conclusion ***

20-1 Close this PR.



*** End of Operation 20 ***